

# DELTA®

DELTA® protects property. Saves energy. Creates comfort.

DÖRKEN

## DELTA®-MS 20

**General-purpose seepage layer for long-term safety.**

Resistant to compression and degradation in soil.



STANDARD QUALITY

DELTA®-branded quality products made by Dörken.

■ Drainage system

■ For building construction and civil engineering

■ For vertical and horizontal application

# DELTA<sup>®</sup>-MS 20

## Technical data overview:

Material	Special high-density PE
Dimple height	20 mm approx.
Compressive strength	150 kN/m <sup>2</sup> approx.
Drainage capacity	10 l/s · m approx.
Air gap between dimples	14 l/m <sup>2</sup> approx.
Service temperature range	-30 °C to +80 °C
Fire resistance rating	Standard flammability as per DIN 4102 class B2; optional DIN 4102 class B1 for special requirements
Roll size	20 m x 2 m

## DELTA<sup>®</sup>-MS 20 perforated

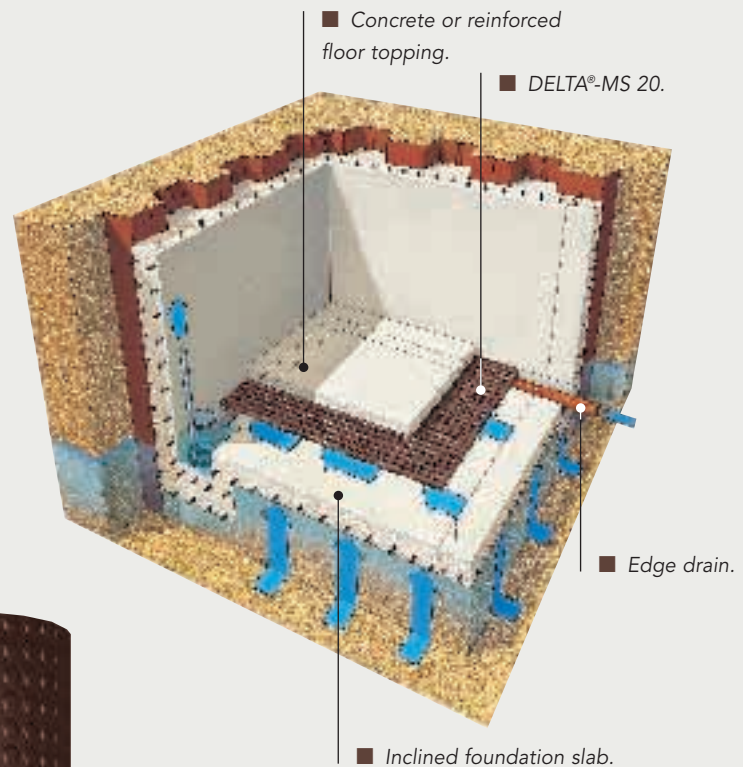
Technical data as for DELTA <sup>®</sup> -MS 20 except	
Compressive strength	110 kN/m <sup>2</sup> approx.
Drainage capacity at 1 cm water column	0.5 l (s x m <sup>2</sup> )

# High drainage capacity in double-shell structures.

## DELTA<sup>®</sup>-MS 20 ...

- ... is a compression-resistant, durable dimpled sheet made from special high-density polyethylene.
- ... offers outstanding safety thanks to its 20-mm dimples and its high drainage capacity.
- ... resists degradation in soil and chemical attack as well as being non-polluting for drinking water.
- ... may be applied as a cost-efficient horizontal or vertical permanent shuttering between a shotcrete shell or curtain wall and a concrete structural wall.
- ... drains off water emerging from the rocky subsoil when vertically applied.
- ... controls rising underground water when laid horizontally between the foundation and the surface layer of a carriageway, and conveys it towards the drain.
- ... is ideal for coping with water-related problems in tunnel construction. With the dimples facing outward, the sheet forms a continuous system of channels by which water is guided towards the drain.
- ... in the perforated version is a special high-capacity sheet for draining roof surfaces such as parking decks and roof gardens. Because of their porosity, sheets are permeable so that surplus water will drain away evenly.

# DELTA<sup>®</sup>



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